

CERTIFOAM SERVICES, INC.  
P.O. BOX 5524  
WINSTON-SALEM, N.C. 27113  
919/744-7418

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MAY 11 1990

Winston-Salem  
Regional Office

May 10, 1990

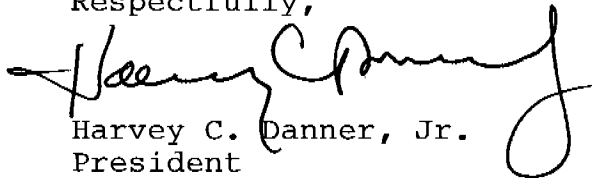
Mr. Andrew Raring  
N.C. Division of Environmental Mgt.  
8025 North Point Blvd., Suite 100  
Winston-Salem, N.C. 27106

Andrew:

The following report consists of steps taken under 40 CFR  
280.62-65 in remediating a site occupied by Cartner's  
Service Center, Rt. 1 Box 249, Mocksville, N.C., 27028.

As always, I welcome any comments or questions.

Respectfully,

  
Harvey C. Danner, Jr.  
President

cc/office

Mr. Gene Cartner  
Mr. D.D. Edmundson, Oil Products Co.

*Cartner*

Rt 1 Box 249

Mocksville

27028

Site: Cartner's Service Center  
US 64 @ SR 1143 (Davie Co.)  
Mocksville, N.C. 27028

Foreward:

The site is owned by Mr. Gene Cartner, but tanks are owned by Oil Products Company, Inc., P.O. Box 506, Salisbury, N.C. 28144. Mr. D.D. Edmundson is the owner of Oil Products.

Sampling was done on 2/21/90, revealing contamination as high as 17,900 ppm gasoline. The release was noted in sampling to be in the island area.

This report uses section headings and subheading numbers as found on page 37205 of the Federal Register of 9/23/88.

40 CFR 280.62

(1). On March 30 & 31 Stroud Brothers Grading excavated the impacted area. I came on site on the 31st with my flame ionization detector to determine if any contaminated soil remained. Some did, and it was removed. The excavated area is noted on the enclosed map.

Digging was done to a depth of 14' before all contaminants were removed to a level of 40-50 ppm per my FID.

(2). No aboveground releases were noted and no further evidence was found of underground release.

Here, I inspected all tanks and found them to be in excellent condition. Consultation with the backhoe operator indicated the leak was centered under the two pumps located on the gas island directly toward the road from tanks #2 & #3.

(3). The hole was left open until 4/4/90. At that time I revisited the site and found readings on my FID to be 20-30 ppm in the release area. No basement is present onsite nor is there any sanitary sewer. A septic tank system is located 130' to the south and is upgrade of the dig.

(4). The impacted dirt was removed to the rear of the property as noted on the diagram. Here, a soil farm was constructed according to DEM regs with plastic underneath and on top with hay bales used to contain any side seepage. The amount of dirt removed is approximately 300 yards.

(5). As noted earlier, the release was confined to the area directly under the island area. FID scanning indicated that the majority of the impacted soil has been removed; what is

Cartner's Service Center, cont.

left is of minor proportions.

Here, the standard depth of groundwater table is between 30-40'. This was obtained by talking with several local residents. The nearest visible groundwater is a pond 1700' to the southeast. The pond's elevation is 830' per USGS topo of the Calahaln Quadrant; the site's is 885'. *Surface*

(6). Stroud Brothers indicated that no free product was present at excavation. My sampling uncovered no groundwater or pockets as well. Furthermore, I dug another 1-2' deeper and found no free product or water.

40 CFR 280.63

(1). The nature of this release was a pump leak. No determination has been made as to the amount of product lost. Mr. Cartner has owned the site since the fall of 1989.

However, he has kept inventory records and had noted no losses in excess of  $\frac{1}{2}\%$ /month as mandated by law.

(2). This area is served by a county water system. No complaints have surfaced to my knowledge. no nearby wells are in operation.

*Cartner has his own well for the store*

The excavated soil was sand backfill and clay. This area is agricultural, with Cartner's being the only commercial establishment in the vicinity.

(3). The site check is in my earlier report for closure.

(4). No free product was found present.

40 CFR 280.64

As ther was no free product, this section does not apply.

40 CFR 280.65

(1). No evidence exists that groundwater wells have been tainted.

(2). As stated earlier, no free product existed.

(3). Here, the dirt excavated extended 4' below where I took

Page 3

Cartner's Service Center, cont.

my sample where the reading was 17,900 ppm. After excavation, the TPH count was 23-30 ppm per my FID. I personally feel groundwater has not been affected.

(4). Any further investigations are at DEM's request.

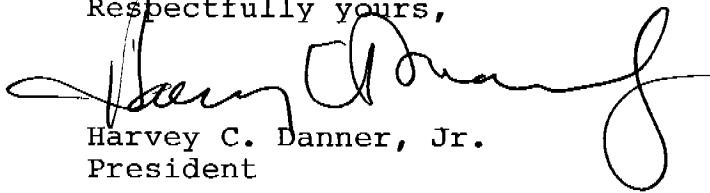
Conclusion

One factor remains; the property owner wishes to close tanks #6 & #7 in place with inert foam. Note that on my initial report the concentrations in this area were 0.2-0.4 ppm.

I wish to do this ASAP, pending DEM approval.

I welcome any questions.

Respectfully yours,

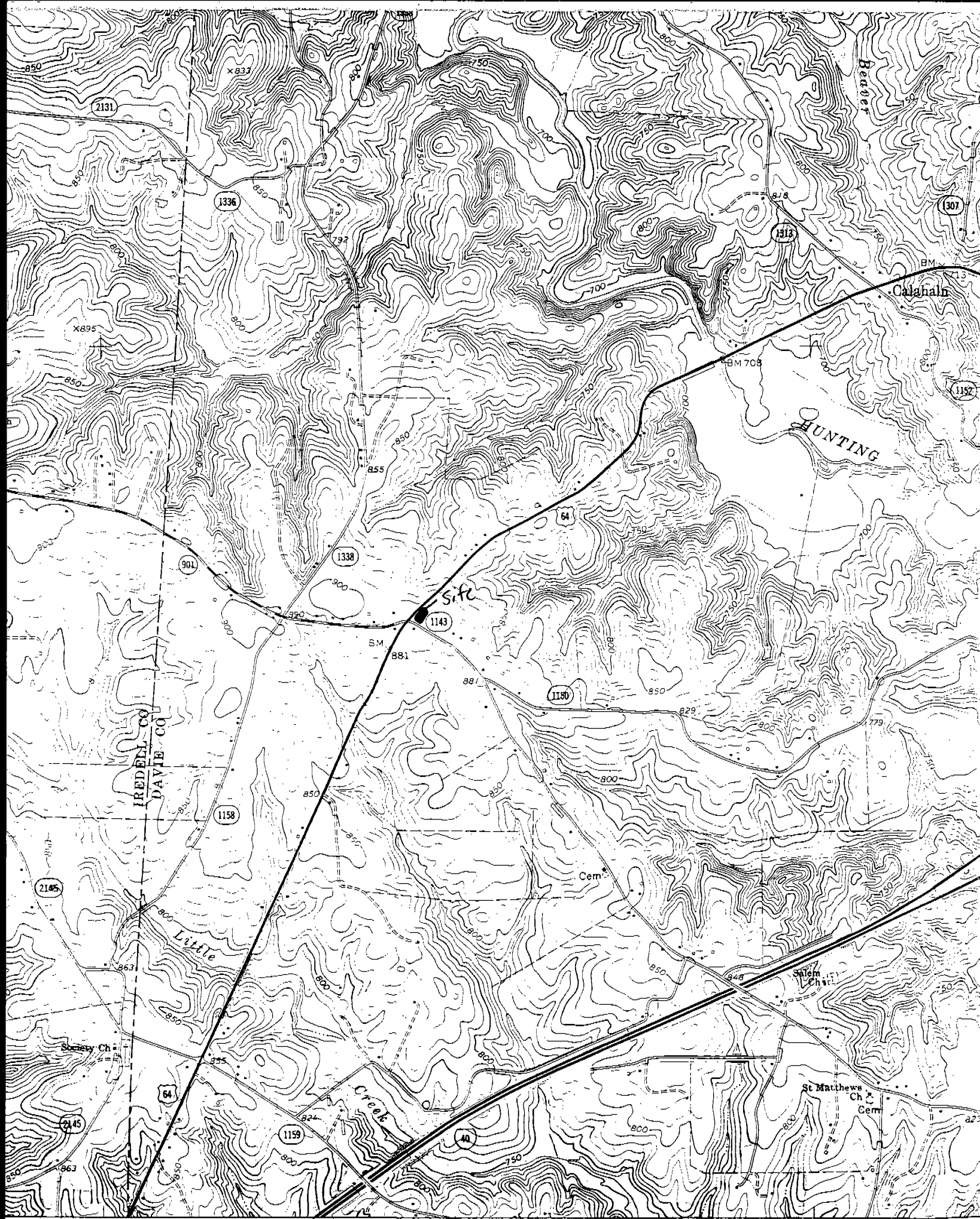
A handwritten signature in black ink, appearing to read "Harvey C. Danner, Jr.", written over the typed name and title.

Harvey C. Danner, Jr.  
President

cc/office

Mr. Gene Cartner

Mr. D.D. Edmundson, Oil Products Co.



526 42'30" STATESVILLE 12 MI. (COOL SPRINGS) 4855 1 SW 529 530 40'

SCALE 1:24 000

Site: Carter's Service Center  
U.S. 64 @ N.C. 901  
Mocksville, N.C. 27028

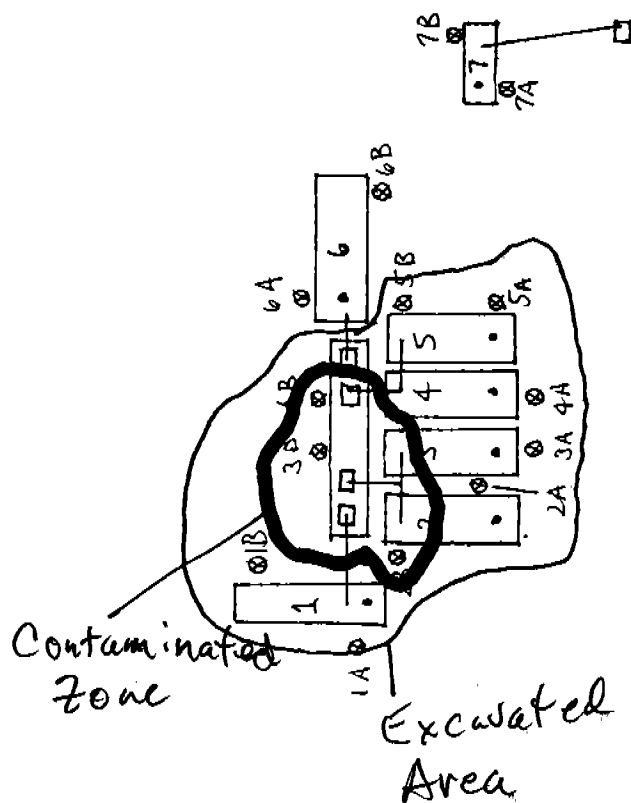
Scale: 1" = 20'

Key: #1-7, USTs

⊗, Sample Points



U.S. 64

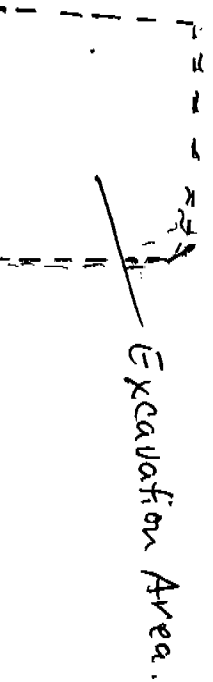
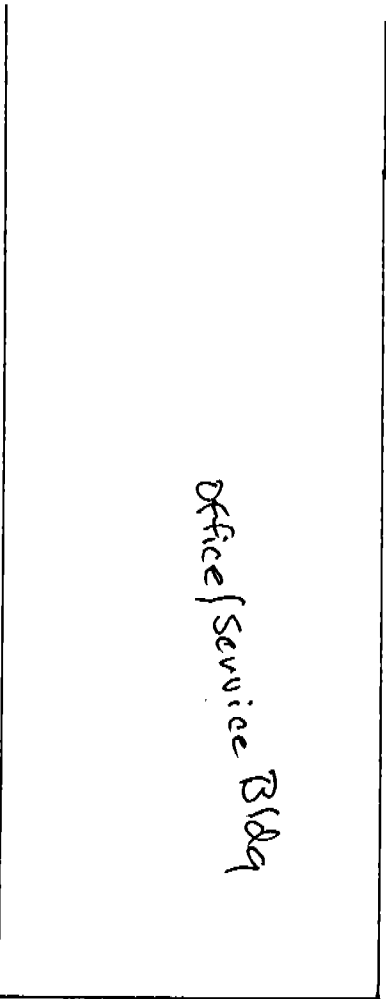
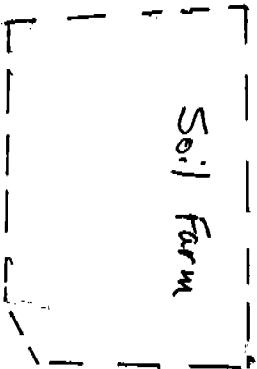


Site: Carter's Service Center  
US 64 @ SR 1143 (Davie Co.)

Rt. 1 Box 249  
Mocksville, N.C. 27028

Scale: 1" = 30'

Note: Soil is between 2'-5' deep  
in the farm.



SR 1143